GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2031
ANSWERED ON:28.07.2016
Launching of Energy Efficient Pumps
Girri Shri Maheish

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has taken any steps to make India more energy efficient in the Agriculture sector, if so, the details thereof ;

(b) whether the Government in collaboration with some Public Sector undertakings (PSUs) is planning to launch energy efficient pumps for Agriculture proposes, if so, the details thereof; and
(c) whether a study was carried out to identify alternate methods of producing renewable energy, if so, the details thereof?

Answer

MINISTER OF STATE FOR POWER, COAL , NEW & RENEWABLE ENERGY & MINES (SHRI PIYUSH GOYAL)

(a): Yes Madam, the Government of india through Bureau of Energy Efficiency, has taken various steps for promotion of energy efficiency in agriculture sector. For existing pumpsets, efficiency upgradation is promoted through implementation of Agriculture Demand Side management (AgDSM) projects on ESCO mode, in which old & inefficient pumpsets are replaced with star rated Energy Efficient Pumpsets (EEPS). Also for new agriculture connections, state-wise mandatory regulations are encouraged for use of star rated Energy Efficient Pumpsetes (EEPS).

(b): Energy Efficiency Services Limited (EESL) a jont venture companies of the power sector PSUS, has designed an innovative programme for enhancing energy efficiency in agriculture sector. Under this programme, the old and inefficient electric pump sets of farmers are to be replaced at free of cost. In addition to this, smart control panels are to be provided to enhance the ease of operation of pumps. The energy efficient electric pumps, which are 4 or 5 star rated, ensure a minimum of 30% reduction in energy consumption. The reduction of energy consumption in agriculture would result in 30% reduction in power subsidy that the State Government provides to distribution companies.

(c): KPMG, in consultation with Shakti Foundation, has done a feasibility study for promotion of Solar Agriculture pumps in India. Ministry of New & Renewable Energy is already providing Central Finance Assistance for promotion of solar pumps for irrigation & drinking water which are implemented by various State agenies.

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